

CLAIMS

1. A television receiver to which plural external devices are respectively connected through IEEE1394 lines and analog lines, comprising:

a command transmission means for successively transmitting the same transmission command to the plural external devices through the IEEE1394 lines connected to the respective external devices; and

a switching control means for monitoring DC levels at analog video signal input terminals or analog audio signal input terminals which are connected to the respective analog lines to discriminate analog lines which are used for transmission of response commands that are outputted from the respective external devices in response to the respective transmission commands, and automatically selecting either the IEEE1394 lines or the analog lines which are used by the respective external devices, according to the operations of the respective external devices.

2. A television receiver to which plural external devices are respectively connected through IEEE1394 lines and analog lines, comprising:

a command transmission means for transmitting plural transmission commands having different characteristics for the respective external devices, to the respective external devices

through the IEEE1394 lines connected to the external devices; and a switching control means for discriminating an analog line which is used for transmission of response commands that are outputted from the respective external devices in response to the respective transmission commands, and automatically selecting either the IEEE1394 lines or the analog lines which are used by the respective external devices, according to the operations of the respective external devices.

3. A television receiver as defined in Claim 1 wherein said transmission command is power-on or power-off to the external devices, or repetition thereof.

4. A television receiver as defined in Claim 2 wherein said transmission command is power-on or power-off to the external devices, or repetition thereof; and said command transmission means transmits transmission commands having different on-times for the respective external devices or different numbers of on/off controls for the respective external devices.

5. A television receiver as defined in Claim 2 wherein said terminals to which the respective analog lines are connected are analog video signal input terminals or analog audio signal input terminals.

6. A television receiver as defined in Claim 5 wherein said switching control means monitors the DC levels at the analog video signal input terminals or the analog audio signal input terminals to discriminate the analog lines.

7. A television receiver to which external devices are respectively connected through IEEE1394 lines and digital lines, comprising:

a command transmission means for transmitting transmission commands to the external devices through the IEEE1394 lines; and a switching control means for discriminating a digital line which is used for transmission of response commands that are outputted from the external devices in response to the transmission commands, and selecting either the IEEE1394 lines or the digital lines which are used by the external devices, according to the operations of the external devices.

8. A television receiver to which plural external devices are respectively connected through IEEE1394 lines and digital lines, comprising:

a command transmission means for successively transmitting the same transmission command to the plural external devices through the IEEE1394 lines connected to the respective external devices; and

a switching control means for discriminating a digital line which is used for transmission of response commands that are outputted from the respective external devices in response to the respective transmission commands, and selecting either the IEEE1394 lines or the digital lines which are used by the respective external devices, according to the operations of the respective external devices.

9. A television receiver to which plural external devices are respectively connected through IEEE1394 lines and digital lines, comprising:

a command transmission means for transmitting plural transmission commands having different characteristics for the respective external devices, to the respective external devices through the IEEE1394 lines connected to the external devices; and
a switching control means for discriminating a digital line which is used for transmission of response commands that are outputted from the respective external devices in response to the respective transmission commands, and selecting either the IEEE1394 lines or the digital lines which are used by the respective external devices, according to the operations of the respective external devices.

10. A television receiver as defined in Claim 8 wherein said transmission command is power-on or power-off to the

external devices, or repetition thereof.

11. A television receiver as defined in Claim 9 wherein
said transmission command is power-on or power-off to the
external devices, or repetition thereof; and
said command transmission means transmits transmission
commands having different on-times for the respective external
devices or different numbers of on/off controls for the
respective external devices.

12. A television receiver as defined in Claim 8 or Claim 9
wherein
the terminals to which the respective digital lines are
connected are HDMI terminals.

13. A television receiver as defined in Claim 12 wherein
said switching control means monitors the DC levels of the
HDMI terminals to discriminate the digital lines.

14. A television receiver as defined in Claim 12 wherein
said command transmission means transmits the transmission
commands through the IEEE1394 lines to the external devices; and
said switching control means monitors signal levels of device
control signals which are outputted from the external devices in
response to the transmission commands or response commands of the

device control signals, to discriminate the digital lines.

15. An external device connected to a television receiver through IEEE1394 lines and analog lines, including:

a detection means for detecting transmission commands which are transmitted from the television receiver through the IEEE1394 lines, and outputting response commands corresponding to the transmission commands to the television receiver through the analog lines.

16. An external device connected to a television receiver through IEEE1394 lines and digital lines, including:

a detection means for detecting transmission commands which are transmitted from the television receiver through the IEEE1394 lines, and outputting response commands corresponding to the transmission commands to the television receiver through the digital lines.